

VIJAYA BANK CLERKS EXAM

Exam Held On : 07-02-2010

(BASED ON MEMORY)

REASONING

- How many such pairs of digits are there in number '36725918' each of which has as many digits between them in the number as when the digits are arranged in descending order within the number?
(1) None (2) One
(3) Two (4) Three
(5) More than three
- What should come next in the following number series?
6 8 8 1 2 6 8 6 1 2 3 6 8 8 1 2 3
4 6 8 6 1 2 3 4 5 6 8 7
(1) 6 (2) 1
(3) 4 (4) 8
(5) None of these
- In a certain code PAGE is written as '3%7@', SORE is written as '8@9@'. How is 'PEAS' written in that code?
(1) 3@@8 (2) 3@%9
(3) 3@%8 (4) 3%@8
(5) None of these
- If '@' means 'x', '%' means '+', '%' means '+' and '\$' means '-' then
 $6 \% 12 \text{ @ } 3 \text{ @ } 8 \$ 3 = ?$
(1) 37 (2) 35
(3) 39 (4) 33
(5) None of these
- In a certain code 'MOUSE' is written as PRUQC. How is 'SHIFT' written in that code?
(1) VKIRD (2) VKIDR
(3) VJIDR (4) VIKRD
(5) None of these
- How many meaningful English words can be made with the letters 'OEHM' using each letter only once in each word?
(1) None (2) One
(3) Two (4) Three
(5) More than three
- Among A, B, C, D and E each scoring different marks in a test, C scored more than D but not as much as E. E scored more than A who scored less than B. Who did score third highest marks?

- (1) B (2) A
(3) C
(4) Data inadequate
(5) None of these
- 'K' walked 5 metres towards North, took a left turn and walked for 10 metres. He then took a right turn and walked for 20 metres, and again took right turn and walked 10 metres. How far he is from the starting point?
(1) 20 metres (2) 15 metres
(3) 25 metres (4) 30 metres
(5) None of these
- Pointing to a girl, Mr. Suraj said "she is the only daughter of my father's son-in-law". How is the girl related to Mr. Suraj?
(1) Niece (2) Cousin
(3) Sister (4) Daughter
(5) Cannot be determined
- Sneha correctly remembers that her father's birthday is before 16th June but after 11th June whereas her younger brother correctly remembers that their father's birthday is after 13th June but before 18th June and her elder brother correctly remembers that their father's birthday is on an even date. On what date in June is definitely their father's birthday?
(1) Sixteenth (2) Twelfth
(3) Fourteenth or Sixteenth
(4) Data inadequate
(5) None of these
- How many such digits are there in the number '37152869' each of which is as far away from the beginning of the number as when the digits are arranged in ascending order within the number?
(1) None (2) One
(3) Two (4) Three
(5) More than three
- How many such pairs of letters are there in the word 'CONFIRM' each of which has as many letters between them in the word as in the English alphabet?

- (1) None (2) One
(3) Two (4) Three
(5) More than three

- 'KN' is related to 'QT' in the same way as 'DG' related to
(1) JN (2) IM
(3) JM (4) IN
(5) IL

Directions (14-16) : Following questions are based on the five three-digit numbers given below

518 849 365 783 291

- If the positions of first and third digits in each number are interchanged, which of the following will be the second digit of third highest number?
(1) 1 (2) 4
(3) 8 (4) 9
(5) 6
 - If the first digit in all the numbers starting with an even digit is replaced by a number preceding it, then which of the following will be the sum of the first digit of the resulting highest and the lowest numbers?
(1) 4 (2) 8
(3) 7 (4) 6
(5) 3
 - If the positions of the first and the second digits in each number are interchanged, which of the following will be the second highest number?
(1) 849 (2) 365
(3) 783 (4) 291
(5) 518
- Directions (17-22) :** Study the following arrangement carefully and answer the questions given below.
- Q 9 K # P @ 3 E N S A C * G @ U
M 7 F I V % 4 Z 8 Y
- If all the numbers are dropped from the above arrangement, which of the following will be the seventeenth from the right end?
(1) E (2) P
(3) I (4) C
(5) @

18. Which of the following is the sixth to the left of the fifth to the left of 'V' ?

- (1) 3 (2) A
(3) N (4) S
(5) None of these

19. Which of the following is the eighth to the right of the fourteenth from the left end of the above arrangement ?

- (1) V (2) 4
(3) % (4) E
(5) None of these

20. Four of the following five are alike in a certain way based on their positions in the above arrangement and so form a group. Which is the one that **does not** belong to that group ?

- (1) IM% (2) CNG
(3) 3#N (4) UGC
(5) GAU

21. How many such symbols are there in above arrangement, each of which is immediately preceded by an alphabet and immediately followed by a number ?

- (1) None (2) One
(3) Two (4) Three
(5) More than three

22. How many such vowels are there in the above arrangement, each of which is immediately preceded by a number and immediately followed by a consonant ?

- (1) None (2) One
(3) Three (4) Two
(5) None of these

Directions (23-28) : In each of the questions below are given four statements followed by three conclusions numbered I, II and III. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

23. Statements :

All coins are glasses.
Some glasses are cups.
Some cups are boxes.
All boxes are pins.

Conclusions :

- I. Some coins are cups.
II. Some pins are glasses.
III. Some cups are pins.

- (1) None follows
(2) Only I follows
(3) Only III follows
(4) Only II and III follow
(5) None of these

24. Statements :

Some pens are pencils.
All pencils are caps.
All caps are buses.
Some buses are trains.

Conclusions :

- I. Some trains are caps.
II. Some pens are buses.
III. Some pencils are trains.
(1) Only I follows
(2) Only II follows
(3) Only I and III follow
(4) None follows
(5) All I, II and III follow

25. Statements :

All shirts are skirts.
All skirts are banks.
All banks are roads.
All roads are brushes.

Conclusions :

- I. All banks are skirts.
II. All roads are banks.
III. Some brushes are shirts.
(1) Only I follows
(2) Only III follows
(3) Only I and III follow
(4) All I, II and III follow
(5) None follows

26. Statements :

Some fishes are plates.
Some plates are spoons.
Some spoons are plants.
All plants are crows.

Conclusions :

- I. Some plates are crows.
II. Some crows are spoons.
III. Some plants are spoons.
(1) Only I follows
(2) Only I and II follow
(3) None follows
(4) Only II and III follow
(5) Either I or III follows

27. Statements :

Some eggs are hens.
Some hens are ducks.
All ducks are pigeons.
All pigeons are sparrows.

Conclusions :

- I. All ducks are sparrows.
II. No egg is duck.
III. Some sparrows are hens.

- (1) Only I follows
(2) Only I and II follow
(3) Only III follows
(4) Only I and III follow
(5) All I, II and III follow

28. Statements :

No man is tiger.
No tiger is cat.
Some cats are lions.
Some lions are tigers.

Conclusion :

- I. Some tigers are cats.
II. Some cats are men.
III. Some lions are men.
(1) None follows
(2) Only III follows
(3) Only I and II follow
(4) Only I follows
(5) Only II and III follow

Directions (29-33) : In the following questions, the symbols @, ©, \$, % and * are used with the following meanings as illustrated below :

P © Q means 'P is not smaller than Q'

P * B means 'P is not greater than Q'

P © Q means 'P is neither greater than nor smaller than Q'

P \$ Q means 'P is neither smaller than nor equal to Q'

P % Q means 'P is neither greater than nor equal to Q'

Now in each of the following questions assuming the given statements to be true, find which of the conclusions I, II, III and IV given below them is/are definitely true and give your answers accordingly.

29. Statements :

K © L, L % O, O @ M, M * N

Conclusions : I. N © O

II. M \$ L

III. K * N

IV. L @ N

- (1) Only II is true
(2) Only I and II are true
(3) Only I is true
(4) Either I or II is true
(5) None is true

30. Statements :

A * B, B \$ C, C % D, D © E

Conclusions : I. D \$ A

II. B \$ D

III. E % C

IV. A @ E

- (1) Only I is true
- (2) Only either I or II is true
- (3) Only I and IV are true
- (4) None is true
- (5) Only IV is true

31. Statements :

F \$ P, P @ R, R © S, S % T

Conclusions : I. R % F

II. S * P

III. P © T

IV. S % F

- (1) Only I, II and III are true
- (2) Only I and II are true
- (3) Only III and IV are true
- (4) Only I, II and IV are true
- (5) All are true

32. Statements :

G % H, H * I, I \$ J, J @ K

Conclusions : I. G % I

II. G % J

III. K \$ I

IV. H * J

- (1) Only I is true
- (2) Only II is true
- (3) Only I, II and III are true
- (4) Only either I or II and III are true
- (5) All is true

33. Statements :

V @ W, W % X, X * Y, Y \$ Z

Conclusions : I. Z \$ X

II. Y © V

III. W % Y

IV. Y @ W

- (1) Only I and III are true
- (2) Only II is true
- (3) Only III is true
- (4) None is true
- (5) Only III and IV are true

Directions (34-40) : Study the following information carefully and answer the questions given below.

A, B, C, D, E, F, G and H are sitting around a circle facing the centre. C is fourth to the left of F who is fifth to right of E. D is third to the right of A who is not immediate neighbour of E or F. B is third to left of H who is not immediate neighbour of E.

34. Four of the following five are alike in a certain way based on their positions in the above sitting arrangement and so form a group. Which is the one that **does not** belong to that group ?

- (1) HFE
- (2) DCG
- (3) BHF
- (4) AEF
- (5) CGB

35. Who is between D and E ?

- (1) C
- (2) B
- (3) A

(4) Data inadequate

(5) None of these

36. Which of the following pairs are sitting between A and D ?

- (1) FB
- (2) GB
- (3) FG
- (4) FE
- (5) GE

37. Who is third to the right of E ?

- (1) B
- (2) F
- (3) D
- (4) G
- (5) None of these

38. Who is to the immediate right of A ?

- (1) G
- (2) B
- (3) F
- (4) Data inadequate
- (5) None of these

39. What is D's position with respect to B ?

- (A) Immediate right
- (B) Fourth to the right
- (C) Third to the left
- (D) Immediate left

- (1) Only A
- (2) Only B
- (3) Only B and C
- (4) Only D
- (5) Only either A or D

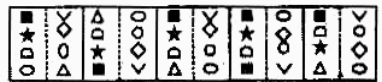
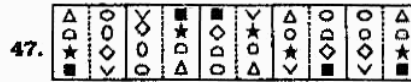
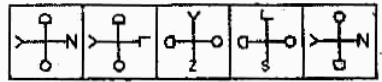
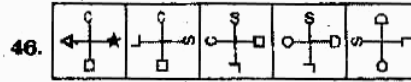
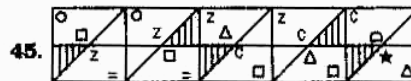
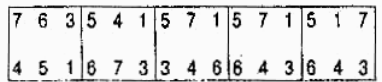
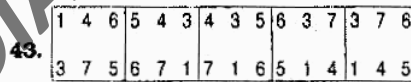
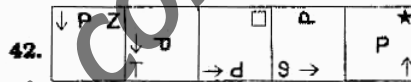
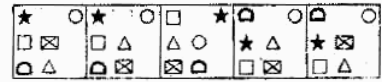
40. In which of the following pairs is the first person sitting to the immediate left of the second person ?

- (1) CH
- (2) GA
- (3) BD
- (4) FG
- (5) None of these

Directions (41-50) : In each of the questions given below which of the five answer figures on the right should come after the problem figures on the left, if the sequence were continued ?

Problem Figures

Answer Figures



48.

3	T	C	L	C	L	C	L
↑	V	>	9	^	9	^	9
P	A	A	B	V	B	A	F

L	D	C	T	C	L	D	T
L	S	9	^	^	9	^	^
M	Y	B	V	V	B	K	Y

PILES	SELIP	PSELT	TLESP	PTLEA
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APTEL	AELTP	APTLD	AELPTE	EALTP
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50.

★	△	★	△	△	△	△	△	△	△
○	□	□	□	□	□	□	□	□	□
Z	T	T	△	△	Z	Z	T	□	□

□	□	□	T	Z	□	□	△	□	T
△	Z	△	△	↑	□	□	△	□	T
△	T	□	Z	T	□	Z	□	□	Z

NUMERICAL APTITUDE

Directions (51-75) : What value will come in place of the question mark (?) in the following questions.

51. $26 \times 451 - ? = 6103$
 (1) 6532 (2) 5623
 (3) 6251 (4) 4563
 (5) None of these
52. $4785 \div \sqrt{?} + 6 = 963$
 (1) 25 (2) 5
 (3) 15 (4) 20
 (5) None of these
53. $47 \times 251 - 3695 = ?$
 (1) 8102 (2) 8100
 (3) 9208 (4) 7891
 (5) None of these
54. $(12.25 \times 4.02 - 14.26) \times ? = 699.7$
 (1) 10 (2) 20
 (3) 15 (4) 25
 (5) None of these
55. $632 + 25 + (?)^2 = 61.28$
 (1) 36 (2) 32
 (3) 6 (4) 25
 (5) None of these
56. ? % of 452 = 311.88
 (1) 67 (2) 52
 (3) 59 (4) 71
 (5) None of these
57. 89% of ? + 365 = 1075.22
 (1) 798 (2) 897
 (3) 898 (4) 752
 (5) None of these
58. $3695.12 + 4458.02 - ? = 7592.14$
 (1) 465 (2) 651
 (3) 575 (4) 561
 (5) None of these
59. $\sqrt{625} + \sqrt{484} = ?$
 (1) 47 (2) 56
 (3) 52 (4) 35
 (5) None of these
60. $? \times 35 + 265 = 2680$
 (1) 79 (2) 63
 (3) 75 (4) 68
 (5) None of these
61. $\sqrt{?} - 34 = \sqrt{484}$
 (1) 56 (2) 65
 (3) 2631 (4) 3136
 (5) None of these
62. $625 \div 5 \times 25 = ?$
 (1) 3100 (2) 2125
 (3) 3125 (4) 2520
 (5) None of these
63. $? \times 25 + 6 = 1962.5$
 (1) 541 (2) 457
 (3) 358 (4) 471
 (5) None of these
64. $5^{3.9} \times 25^{7.3} + 125^{4.6} = 5^?$
 (1) 10.5 (2) 9.5
 (3) 7.6 (4) 8.7
 (5) None of these
65. $(1024 - 362 - 214) \div (786 - 730) = ?$
 (1) 7 (2) 6
 (3) 9 (4) 12
 (5) None of these
66. $699.14 + 478.23 + 174.69 = ?$
 (1) 1322.06 (2) 1352.06
 (3) 1205.02 (4) 1235.03
 (5) None of these
67. $40 \times 12.5 \times 1.3 = ?$
 (1) 765 (2) 639
 (3) 705 (4) 650
 (5) None of these
68. 25% of 965 - 69% of ? = 210.2
 (1) 50 (2) 49
 (3) 55 (4) 45
 (5) None of these
69. $2704 \div 2 \times ? = 31096$
 (1) 21 (2) 33
 (3) 23 (4) 26
 (5) None of these

70. $\sqrt{3364} = ?$
 (1) 62 (2) 58
 (3) 32 (4) 68
 (5) None of these
71. $142 \times 20 \times 3 = ?$
 (1) 7250 (2) 7425
 (3) 8250 (4) 8520
 (5) None of these
72. $806 \div 31 = ?$
 (1) 22 (2) 26
 (3) 34 (4) 31
 (5) None of these
73. $2530 \div ? + 10 = 12.65$
 (1) 25 (2) 20
 (3) 31 (4) 30
 (5) None of these
74. $7685 \div 265 \times 13.25 = ?$
 (1) 884.25 (2) 394.72
 (3) 374.40 (4) 362.40
 (5) None of these
75. 35% of ? = 197.4
 (1) 665 (2) 654
 (3) 564 (4) 551
 (5) None of these
76. If 40% of a number is 256, then what is 25% of that number?
 (1) 260 (2) 150
 (3) 160 (4) 210
 (5) None of these
77. A number consists of two digits whose sum is 8. If 8 is subtracted from the number, the digits interchange their places. What is the number?
 (1) 54 (2) 53
 (3) 35 (4) 45
 (5) None of these
78. What number should replace both the question marks (?) in the following question?

$$\frac{121}{?} = \frac{?}{81}$$
 (1) 89 (2) 73
 (3) 99 (4) 85
 (5) None of these
79. If 15 men can do a piece of work in 60 days, then how many men will do the same work in 25 days?
 (1) 26 (2) 36
 (3) 42 (4) 29
 (5) None of these
80. The length of a rectangle exceeds its breadth by 7 cms. If the perimeter of the rectangle is

- 126cm, then, what will be the breadth of the rectangle ?
 (1) 56 cm. (2) 38 cm.
 (3) 25 cm. (4) 32 cm.
 (5) None of these
81. Meena bought two fans for Rs. 1200 each. She sold one at a loss of 5% and the other at a profit of 10%. What will be the total profit percent or loss percent ?
 (1) 1.2% loss (2) 1.2% profit
 (3) 2.5% profit (4) 2.5% loss
 (5) None of these
82. What is the least number to be subtracted from 2486 to make it a perfect square ?
 (1) 50 (2) 80
 (3) 74 (4) 65
 (5) None of these
83. In how many ways, can the letters of the word 'ATTEMPT' be arranged ?
 (1) 980 (2) 840
 (3) 520 (4) 780
 (5) None of these
84. The difference between two two-digit numbers is 18. If four times the second number is less than three times the first number by 18, then, what is the sum of these two numbers ?
 (1) 100 (2) 80
 (3) 86 (4) 92
 (5) None of these
85. One-fourth of a number exceeds its one-seventh by 24. What is the number ?
 (1) 244 (2) 322
 (3) 224 (4) 342
 (5) None of these
86. What would be the compound interest obtained on an amount of Rs. 8000 at the rate of 7 p.c.p.a. for 2 years ?
 (1) Rs. 767.50 (2) Rs. 846.2
 (3) Rs. 769.4 (4) Rs. 860.4
 (5) None of these
87. The sum of three consecutive numbers is 294. What is the sum of the smallest and the largest numbers ?
 (1) 174 (2) 185
 (3) 196 (4) 200
 (5) None of these
88. 300 apples are distributed equally among a certain number of students. Had there been 10 more students, each would have received one apple less. Find the number of students.
 (1) 70 (2) 40
 (3) 55 (4) 50
 (5) None of these
89. In a mixture of milk and water of volume 30 litres, the ratio of milk and water is 7 : 3. How much quantity of water is to be added to the mixture to make the ratio of milk and water 1 : 2 ?
 (1) 30 litres (2) 32 litres
 (3) 33 litres (4) 35 litres
 (5) None of these
90. What number should come in place of the question mark (?) in the series given below ?
 15 22 36 57 85 ?
 (1) 120 (2) 150
 (3) 110 (4) 90
 (5) None of these
91. If 3 pumps can empty a tank in 2 days by working 8 hours a day, then how many hours a day must 4 pumps work to empty the tank in one day ?
 (1) 12 hours (2) 15 hours
 (3) 18 hours (4) 9 hours
 (5) None of these
92. In the area of a circle is 154 sq.cm., then what is the circumference of the circle ?
 (1) 40 cm. (2) 44 cm.
 (3) 54 cm. (4) 59 cm.
 (5) None of these
93. Anish spends 25% of his salary on house rent, 5% on food, 15% on travel, 10% on clothes and the remaining amount of Rs. 22,500 is saved. What is Anish's salary ?
 (1) Rs. 40,000 (2) Rs. 40,500
 (3) Rs. 45,500 (4) Rs. 50,000
 (5) None of these
94. $\frac{2}{5}$ th of Anil's salary is equal to Bhuvan's salary and seven-ninth of Bhuvan's salary is equal to Chandra's salary. If the sum of the salary of all of them is Rs. 77,000, then, how much is Bhuvan's salary ?
 (1) Rs. 45,000 (2) Rs. 18,000
 (3) Rs. 15,000 (4) Rs. 28,000
 (5) None of these
95. A tap can fill an empty tank in 12 hours and a leakage can empty the whole tank in 20 hours. If the tap and the leakage are working simultaneously, how long will it take to fill the whole tank ?
 (1) 25 hours (2) 40 hours
 (3) 30 hours (4) 35 hours
 (5) None of these
96. A lady has some 50 paise coins and some 25 paise coins in her purse. If in all she has 55 coins totalling Rs. 21.25. How many 50 paise coins she has ?
 (1) 30 (2) 25
 (3) 20 (4) 15
 (5) None of these
97. What is the probability that a card drawn at random from a pack of 52 cards is either a King or a Spade ?
 (1) $\frac{17}{52}$ (2) $\frac{4}{13}$
 (3) $\frac{3}{13}$ (4) $\frac{13}{52}$
 (5) None of these
98. If the fractions $\frac{3}{5}, \frac{5}{8}, \frac{16}{25}, \frac{4}{5}$ and $\frac{9}{16}$ are arranged in ascending order of their values, which one will be the second ?
 (1) $\frac{3}{5}$ (2) $\frac{16}{25}$
 (3) $\frac{9}{16}$ (4) $\frac{4}{5}$
 (5) $\frac{5}{8}$
99. The distance travelled by a train is 1830km. The speed of the train is 1 more than twice the time taken to travel the distance. What will be the respective ratio of the speed of the train and the time taken to travel ?
 (1) 30 : 61 (2) 61 : 30
 (3) 25 : 51 (4) 51 : 25
 (5) None of these
100. The present ages of Gaurav and Saurabh are in the ratio of 6 : 7 respectively. After 6 years, their ages will be in the ratio of 15 : 17 respectively ? What is Gaurav's present age ?
 (1) 28 years (2) 30 years
 (3) 25 years (4) 23 years
 (5) None of these

CLERICAL APTITUDE

Directions (101-135) : In each question below a combination of Name and Address is given in the first column at the left followed by four such combinations one each under the columns 1, 2, 3 and 4. You have to find out the combination which is exactly the same as the combination in the first column. The number of that column which contains that combination is the answer. If all the combinations are different, the answer is '5'.

	1	2	3	4	5
101. Sameera Varma Neelam Towers Kharghar - 26	Samiera Varma Neelam Towers Kharghar - 26	Sameera Varma Neelam Towers Kharghar - 62	Sameera Varma Neelam Towers Kharghar - 26	Sameera Varma Neelam Towers Kharghar - 26	None
102. Hussain Shaikh Kapadia Nagar Mumbai - 400093	Hussain Shaikh Kadapia Nagar Mumbai - 400093	Hussain Shaikh Kapadia Nagar Mumbai - 400093	Hussain Shaikh Kapadia Nagar Mumbai - 400093	Hussain Shaikh Kapadia Nagar Mumbai - 400093	None
103. L.P. Reddy Darshana Road Pin - 1713008	L.P. Reddy Darshana Road Pin - 1713008	P.L. Reddy Darshana Road Pin - 1713008	L.P. Reddy Darshana Road Pin - 1713008	L.P. Reddy Darshana Road Fax - 1713008	None
104. Konda Studios Vallabhai Road Call - 4132065	Konda Studios Vallabhai Road Call - 4132065	Konda Studios Ballabhai Road Call - 4132065	Konda Studios Vallabhai Road Call - 4132065	Konda Studios Vallabhai Road Call - 4132065	None
105. Azra Travels Call - 3894260 Fax - 41329065	Azra Travels Call - 3894260 Fax - 41329065	Azra Travels Call - 3894260 Pin - 41329065	Azra Travels Call - 3894260 Fax - 41329065	Azra Travels Call - 3894260 Fax - 41329065	None
106. Chabildas Zanja Keval Wadi - 3 Satara - 48	Chabildas Zanja Keval Wadi - 3 Satara - 48	Chabildas Zanja Keval Wadi - 3 Satara - 48	Chabildas Zanja Keval Wadi - 3 Satara - 48	Chabildas Zanja Keval Wadi - 3 Satara - 48	None
107. Himayat Hora Opp. Daras Road Varun Park - II	Hinayat Hora Opp. Daras Road Varun Park - II	Himayat Hora Opp. Daras Road Varun Park - II	Himayat Hora Opp. Daras Road Varun Park - II	Himayat Hora Opp. Daras Road Varun Bagh - II	None
108. Shweta Maruru Flat A - Sector 12 Marol Naka - 36	Shweta Maruru Flat A - Sector 12 Marol Naka - 36	Shweta Maruru Flat A - Sector 12 Marol Naka - 36	Shweta Maruru Flat A - Sector 12 Marol Naka - 39	Shweta Maruru Flat A - Sector 21 Marol Naka - 36	None
109. Khemka Yuki Kohram Pada Janakpur - 38	Khemka Yuka Kohram Pada Janakpur - 38	Khemka Yuki Kohram Pada Janakpur - 38	Khemka Yuki Kohram Pada Janakpur - 38	Khemka Yuki Kohram Pada Janakpur - 83	None
110. Barbosa Salon C.M. Mehta St. Cuff Parade - 95	Barbosa Salon M.C. Mehta St. Cuff Parade - 95	Barbosa Salon C.M. Mehta St. Cuff Parade - 59	Barbasa Salon C.M. Mehta St. Cuff Parade - 95	Barbosa Salon C.M. Mehta St. Cuff Parade - 95	None
111. Azumi Jaan Ontinent Cargo Burkut - 31394	Auzmi Jaan Ontinent Cargo Burkut - 31394	Azumi Jaan Ontinent Cargo Burkut - 31394	Azumi Jaan Ontinint Cargo Burkut - 31394	Azumi Jaan Ontinent Cargo Purkut - 31394	None
112. Gemini Holidays Grant Central Club Ph. - 7451396	Gemini Holidays Grant Central Club Ph. - 7451396	Gemini Holidays Grant Cantral Club Ph. - 7451396	Gemini Holidays Grant Central Club Ph. - 7541396	Gimini Holidays Grant Central Club Ph. - 7451396	None
113. Rupal Agencies Tel. - 26853104 Fax - 26894132	Rubal Agencies Tel. - 26853104 Fax - 26894132	Rupal Agencies Fax - 26853104 Fax - 26894132	Rupal Agencies Tel. - 26853104 Fax - 26894132	Rupal Agencies Tel. - 26853104 Fax - 26894132	None
114. Deepal Shaw 11/16, Link Road Chandigarh - 46	Deepal Shaw 11/16, Link Road Chandigarh - 46	Deepal Shaw 11/16, Link Road Chandigarh - 64	Deapal Shaw 11/16, Link Road Chandigarh - 46	Deepal Shaw 11/15, Link Road Chandigarh - 46	None

115. Reinhal Mesmer Country Beverages Call - 7393525	Reinhal Mesmer County Beverages Call - 7393525	Reinhal Mesmer Country Beverages Pin - 7393525	Reinhal Mesmar Country Beverages Call - 7393525	Reinhal Mesmer Country Beverages Call - 7393525	None
116. Morgan Photos YVPD Scheme Sahar - 403916	Morgan Photos PDYV Scheme Sahar - 403916	Morgan Photos YVPD Scheme Sahar - 403916	Morgan Photos YVPD Scheme Sahar - 403916	Morgan Photos YVPD Scheme Sahar - 403916	None
117. Kousambia Rao Ulhas Village Sarambaug - 02	Kousambia Rao Ulhas Town Sarambaug - 02	Kousambia Rao Ulhas Village Sarambaug - 02	Kousambia Rao Ulhas Village Sarambaug - 20	Kuosambia Rao Ulhas Village Sarambaug - 02	None
118. Aman Kumar Hatri Sr. Mngr. Textile Mob. - 9821334065	Aman Kumar Katri Sr. Mngr. Textile Mob. - 9821334065	Aman Kumar Hatri Sr. Mngr. Textile Mob. - 9812334065	Aman Kumar Hatri Sr. Mngr. Textile Mob. - 9821334065	Aman Kumar Hatri Jr. Mngr. Textile Mob. - 9821334065	None
119. Aanchal Sarees G.M. Mehta Marg Ghatkopar (East)	Aanchal Sarees G.N. Mehta Marg Ghatkopar (East)	Aanchal Sarees G.M. Mehta Marg Ghatkopar (West)	Aanchal Sarees G.M. Mehta Marg Ghatkopar (East)	Aanchol Sarees G.M. Mehta Marg Ghatkopar (East)	None
120. Lacelle Gibbons Florida Travels Mob. - 9689231542	Lacelle Gibbons Floreda Travels Mob. - 9689231542	Lacelle Gibbons Florida Travel Mob. - 9689231542	Lacelle Cibbons Florida Travels Mob. - 9689231542	Lacelle Gibbons Florida Travels Mob. - 9689231542	None
121. Laziz Karare Kabab Opp. Shatir Store Lucknow - 07	Laziz Harare Kabab Opp. Shatir Store Lucknow - 07	Laziz Karare Kabab Opp. Shatir Store Lucknow - 07	Laziz Karare Kabab Opp. Shatir Store Lucknow - 70	Laziz Karare Kabab Opp. Shater Store Lucknow - 07	None
122. Jahangir Traders Gajar Street No. 47 Hamirpur - 58	Jahangir Traders Gajar Street No. 74 Hamirpur - 58	Jahangir Traders Gajar Street No. 47 Hamirpur - 56	Jahangir Traders Gajar Street No. 47 Hamirpur - 58	Jehangir Traders Gajar Street No. 47 Hamirpur - 58	None
123. Cinderella Toys Leo Magamart Ph. - 46389271	Cinderella Toys Leo Magamart Fax - 46389271	Cinderella Toys Leo Magamort Ph. - 46389271	Cinderella Boys Leo Magamart Ph. - 46389271	Cinderella Toys Leo Magamart Ph. - 46389271	None
124. Mario Johnson Jupiter Medical Ph. - 26675124	Mario Johnson Jupiter Medical Ph. - 26675124	Morio Johnson Jupiter Medical Ph. - 26675124	Mario Johnson Jupiter Medicals Ph. - 26675124	Mario Jahnson Jupiter Medical Ph. - 26675124	None
125. Rajneesh S. Jose 127, Shivaji Nagar Nashik - 425976	Rajnish S. Jose 127, Shivaji Nagar Nashik - 425976	Rajneesh S. Jose 172, Shivaji Nagar Nashik - 425976	Rajneesh S. Jose 127, Shivaji Nager Nashik - 425976	Rajneesh S. Jose 127, Shivaji Nagar Nashek - 425976	None
126. Sukhbodh Gokani Valentile - 314/(D) Ph. - 42014359	Sukhbodh Gokani Valentile - 314/(D) Ph. - 42014359	Sukhbodh Gokarni Valentile - 314/(D) Ph. - 42014359	Sukhbodh Gokani Valentile - 341/(D) Ph. - 42014359	Sukhbadh Gokani Valentile - 314/(D) Ph. - 42014359	None
127. Sambhaji Sukuwat Plot 216, Mhada Nagpur - 320154	Sambhaji Sukuwat Plot 216, Mhada Nagpur - 320154	Sambhaji Sukuwat Plot 216, Mhada Nagpur - 320154	Sambhaji Sukuwat Plot 216, Mhada Nagpur - 320154	Sambhuji Sukuwat Plot 216, Mhada Nagpur - 320154	None
128. Fatima Ahmad 14, Chuna Factory Bijnor - 3649	Fatima Ahmed 14, Chuna Factory Bijnor - 3649	Fatima Ahmad 41, Chuna Factory Bijnor - 3649	Fatima Ahmad 14, Chuna Factory Bijnor - 3694	Fatima Ahmad 14, Chuna Factory Bijnor - 3649	None
129. Gopal Paniker Koichel House Kerala - 310596	Gopal Peniker Koichel House Kerala - 310596	Gopal Paniker Koichel House Kerala - 310596	Gopal Paniker Kolchal House Kerala - 310596	Gopal Paniker Koichel House Kerela - 310596	None
130. Sukesh Chand 632, Mansa Road Gwalior - 176408	Sukesh Chand 623, Mansa Road Gwalior - 176408	Sukesh Chamd 632, Mansa Road Gwalior - 176408	Sukesh Chand 632, Mansa Road Gwaleor - 176408	Sukesh Chand 632, Mansa Lane. Gwalior - 176408	None

131. Abdulla Rehman Shaukat Ali St. Alibaug - 312759	Abdulla Rahman Shaukat Ali St. Alibaug - 312759	Abdulla Rehman Shaukat Ali St. Alibagh - 312759	Abdulla Rehman Shaukat Ali St. Alibaug - 312759	Abdulla Rehman Shaukat Ali St. Alibaug - 312759	None
132. Wilson Margret Sector 19, Bandra Mumbai - 22	Wilson Margret Sector 19, Bandra Mumbai - 22	Wilson Magret Sector 19, Bandra Mumbai - 22	Wilson Margret Sector 91, Bandra Mumbai - 22	Wilson Margret Sector 19, Bandra Mumbai - 32	None
133. Roopam Aluwalia 202, Shampet Rd. Amritsar - 31	Roopan Aluwalia 202, Shampet Rd. Amritsar - 31	Roopam Aluwalia 202, Shampet Rd. Amritsar - 31	Roopam Aluwalia 203, Shampet Rd. Amritsar - 31	Roopam Aluwalia 202, Shampet Rd. Amritsar - 13	None
134. Nachiket Kumar 3, 201(A) Hotel Ludhiana - 23104	Nachiket Kumar 2, 301(A) Hotel Ludhiana - 23104	Nachiket Kumar 3, 201(A) Hotel Ludhoana - 23104	Nachiket Kumar 3, 201(A) Hotel Ludhiana - 23104	Nacheket Kumar 3, 201(A) Hotel Ludhtana - 23104	None
135. Paromita Sethi 2/306 - B, Caramel Kolkata - 310572	Paromita Sethi 2/306 - B, Caramel Kolkata - 310572	Paromita Sethi 2/306 - C, Caramel Kolkata - 310572	Paromita Sethi 3/206 - B, Caramel Kolkata - 310572	Paromita Sathi 2/306 - B, Caramel Kolkata - 310572	None

Directions (136-140) : In each question below five words are given. You have to find out which one will be the **third** after the words are arranged in the alphabetical order. The number representing the third word is the answer.

- 136.** (1) Shine (2) Shimmer
(3) Shift (4) Shield
(5) Shelter
- 137.** (1) Harsh
(2) Harrow

- (3) Harvest (4) Harmony
(5) Harp
- 138.** (1) Prophet (2) Proportion
(3) Properly (4) Propose
(5) Property
- 139.** (1) Prompt (2) Proof
(3) Promote (4) Prone
(5) Pronoun
- 140.** (1) Remote (2) Remorse
(3) Remit (4) Remodel
(5) Remover

144. Twenty three students in a particular school are fond of Cricket. Identify the school.

- (1) D (2) H
(3) A (4) J
(5) E

145. Nineteen students from which school are fond of Tennis ?

- (1) B (2) H
(3) C (4) F
(5) A

Directions (146 - 150) : The number in each question below is to be codified using the codes given below :

Digits	5	9	1	3	7	2	8	4	0	6
Codes	H	P	D	Z	F	S	A	K	M	C

You have to find out which of the answers (1), (2), (3) or (4) has the correct form of the given codes. If none of the coded forms is correct, mark (5) as the answer.

146. 865297

- (1) ACHSPF (2) ACSHPF
(3) AHCSPP (4) ACHSFP
(5) None of these

147. 93014

- (1) PZDKM (2) PZMKD
(3) PFMDK (4) PZMDK
(5) None of these

148. 27960

- (1) SPFCM (2) SFPMC
(3) FSPCM (4) FSPMC
(5) None of these

149. 756821

- (1) FHCASD (2) FHCASD
(3) FHCSAD (4) FHCADS
(5) None of these

150. 410538

- (1) KMDHZA (2) MDKHZA
(3) KDMHZA (4) KDMHAZ
(5) None of these

Directions (141 - 145) : Students from 10 different schools (A - J) were asked for their fondness for the extra curricular activities mentioned in the table. Number of students for each activity from each school is given in the table.

Based on this information, study the table and answer the questions that follow :

Schools	Activities							
	Singing	Dancing	Painting	Kick-Boxing	Drama	Cricket	Tennis	Football
A	25	13	08	36	26	21	16	33
B	12	28	25	15	32	13	18	06
C	09	12	08	20	24	05	11	29
D	18	09	14	30	25	20	12	16
E	22	21	18	09	07	36	33	28
F	17	19	12	10	13	21	19	17
G	32	24	21	06	15	16	09	04
H	04	09	30	31	33	23	14	20
I	20	18	19	03	08	12	20	24
J	19	24	37	21	11	24	30	27

141. How many students from school J like Football ?

- (1) 30 (2) 20
(3) 24 (4) 23
(5) 27

142. In school B, how many students are fond of Painting ?

- (1) 25 (2) 28

(3) 08 (4) 15

(5) 12

143. How many students from school G are fond of Dancing ?

- (1) 21 (2) 25
(3) 24 (4) 32
(5) 15

ENGLISH LANGUAGE

Directions (151-165): Read the following passage carefully and answer the questions given below it. Certain words/phrases have been printed in bold to help you locate them while answering some of the questions.

Mihir and Mahadev lived in the same village. While Mahadev owned the largest shop in the village, Mihir was a poor farmer. Both had large families, with many sons, daughters-in-law and grandchildren. One day, Mihir, tired of not being able to make ends meet, decided to leave the village and move to the city where they were sure to make enough to feed everyone. They said their goodbyes, packed their few belongings and set off. When night fell, they stopped under a large tree. There was a stream running nearby, where they could refresh themselves. Mihir told his sons to clear the area below the tree. He told his wife to fetch water. He instructed his daughters-in-law to make up the fire and started cutting wood from the tree himself. Now, in that branches of the tree sat a thief. He watched as Mihir's family worked together. He also noticed they had nothing to cook. Mihir's wife too thought the same, for she said to her husband, "Everything is ready. But what shall we eat?" Mihir raised his hands to heaven and said, "Don't worry. He is watching all this from above. He will help us."

The thief was worried. He had seen that the family was large and worked well together. Surely they did not know he was hiding in the branches? He decided to make a quick getaway. He climbed down swiftly when they were not looking and ran for his life. But, he left behind his bundle of stolen jewels and money, which dropped down into Mihir's lap. He opened it and jumped with joy when he saw the contents. The family promptly gathered its belongings and returned to the village. There was great excitement when they told everyone how they got rich.

Mahadev thought this was a nice quick way to earn some money! He commanded his family to pack some clothes and they set off as if on a journey. They stopped under the same tree and Mahadev started commanding everyone as Mihir had done. But no one in his family was willing

to obey orders. They were used to having servants wait on them - so the one who went to the river to fetch water had a nice bath. The one who went to gather wood for the fire went off to sleep beneath the tree. And Mahadev only ordered everyone about, not conversation that they had rehearsed carefully. Mahadev's wife said, "Everything is ready. But what shall we eat?" Mahadev raised his hands upwards and said, "Don't worry. He is watching all this from above. He will help us".

At this, the thief jumped down from the tree, knife in hand. Seeing him, everyone started running helter skelter to save themselves. The thief stole everything. Mahadev and his family had to return to the village empty-handed, having lost all the jewellery and gold they had taken with them.

151. Which of the following **cannot** be said about Mihir's family?

- (A) They respected and obeyed Mihir.
- (B) They were so poor that they sometimes had to starve.
- (C) They had no friends in the village when they were poor.
- (1) None
- (2) Only (C)
- (3) Only (B) and (C)
- (4) Only (B)
- (5) All (A), (B) and (C)

152. Why did Mihir and his family decide to camp under the 'thief's tree'?

- (1) Being a large family they knew they could capture the thief.
- (2) It was a convenient spot to camp for the night.
- (3) It was the only tree large enough to shelter the whole family.
- (4) There was a stream nearby and wood to build a house.
- (5) Exhausted after the day's travel they couldn't walk any more.

153. Why did the thief leave the valuables he had stolen behind?

- (1) Seeing Mihir's faith in God the thief was filled with remorse.
- (2) Feeling sorry for Mihir's family he decided to donate the valuables to them.
- (3) He was afraid that God would punish him for stealing.

(4) In his hurry to run away he forgot to take the valuables along.

(5) He was confident that they were so well hidden that they would not be found.

154. Which of the following best describes Mahadev?

- (1) He was a rich businessman.
- (2) He bullied his wife so she obeyed him.
- (3) He paid his servants well to look after his family's needs.
- (4) He was greedy and had cheated Mihir.
- (5) He was brave and decided to trick the thief.

155. Why did Mihir's family return to the village?

- (1) To show off their new found wealth.
- (2) To buy back their land and start a business.
- (3) They had no need to shift to the city.
- (4) To share their wealth with the other villagers.
- (5) They wanted to sing God's praises to all the villagers.

156. What made Mihir utter the phrase, "He is watching all this from above"?

- (1) He had spotted the thief and wanted to frighten him off.
- (2) He was telling his wife to trust God to look after them.
- (3) It was a warning to his family members to stick together.
- (4) He was begging the thief for help to feed his family.
- (5) None of these

157. Which of the following is **TRUE** in the context of the passage?

- (1) Mahadev planned to seek his fortune in the city as Mihir had.
- (2) Mihir's family preferred to live in the city.
- (3) Mahadev had no intention of moving to the city.
- (4) Mahadev lost his entire life savings to the thief.
- (5) The thief only robbed those whom he did not like.

158. Why did the thief return to the tree?

- (1) To plot how to get his money back

- (2) He thought no one would look for him there.
 (3) To keep a watch on Mahadev's family.
 (4) Not mentioned in the passage
 (5) None of these

159. Why was the thief not afraid of Mahadev's family?

- (1) They had not brought their servants along to protect them.
 (2) Seeing their wealth he suspected them of stealing his loot.
 (3) He had weapons to defend himself.
 (4) Mahadev's family was not as large as Mihir's
 (5) Mahadev's family was not united and obedient.

160. How did the villagers react to Mihir's newfound wealth?

- (1) They tried hard to coax him to reveal the secret of his wealth
 (2) They followed his example and became more devout.
 (3) They pretended to be happy for him but were secretly jealous.
 (4) They each plotted to visit the tree and get rich quickly.
 (5) There was great excitement.

Directions (161-163) : Which of the following is **most similar** in meaning to the word given in **bold** as used in the passage.

161. MAKE

- (1) earn (2) estimate
 (3) prepare (4) build
 (5) settle

162. LOST

- (1) defeated (2) failed
 (3) forfeited (4) wasted
 (5) destroyed

163. GETAWAY

- (1) holiday (2) freedom
 (3) fantasy (4) escape
 (5) relaxation

Directions (164 - 165) : Which of the following is **most opposite** in meaning to the word given in **bold** as used in the passage.

164. REHEARSED

- (1) repeated (2) forced
 (3) fake (4) unplanned
 (5) effortless

165. WILLING

- (1) oblige (2) reluctant
 (3) distracted (4) determined
 (5) obstacle

Directions (166 - 175) : Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any)

166. The majority of the population believes (1)/ that the stock market is recovered (2)/ and that it is the (3)/ right time to buy shares. (4)/ No error (5)

167. Seema's new office is close (1)/ to her residence so (2)/ she will not longer (3)/ have to travel by train. (4)/ No error (5)

168. To the present guidelines, (1)/ the bank is required to obtain (2)/ a photograph from the person (3)/ who wishes to open an account. (4)/ No error

169. Chetan puts in a lot (1)/ of effort to ensure (2)/ that the scheme was (3)/ launched in March. (4)/ No error (5)

170. As our economy is (1)/ experiencing a recession, banks (2)/ have become very cautious (3)/ about giving loans. (4)/ No error (5)

171. After retiring she spent (1)/ most of her time teaching young (2)/ doctors and motivating themselves (3)/ to work in rural areas. (4)/ No error (5)

172. Since this foreign bank has (1)/ not performed very good this year (2)/ it will not be setting (3)/ up any new branch. (4)/ No error (5)

173. Our Chairman is deeply concerned (1)/ about the environment (2)/ and plans to take some steps to reduce the (3)/ pollution caused by our factories. (4)/ No error (5)

174. He was afraid that his parents (1)/ would not allow him to (2)/ make the film so he did (3)/ not tell them about it. (4)/ No error (5)

175. I was previously posted (1)/ in Singapore and it (2)/ took me a long time (3)/ to accustom to the flood. (4)/ No error (5)

Directions (176- 180) : In each question below a sentence with four words printed in **bold** type is given. These are numbered as (1), (2), (3) and (4). One of these four words printed in **bold** may be either **wrongly spelt or inappropriate** in the context of the sentence. Find out the word which is wrongly spelt or inappropriate if any. The number of that word is your answer. If all the words printed in **bold** are correctly spelt and also appropriate in the context of the sentence, mark (5) i.e. 'All correct' as your answer.

176. He was a **member** (1)/ of the **original** (2)/ committee which **drafted** (3)/ these **recommendations**. (4)/ All correct (5)

177. Do not **proceed** (1)/ with the **transfer** (2)/ of funds until you receive **further** (3)/ **instructions**. (4)/ All correct (5)

178. Our branch is **located** (1)/ in a **remote** (2)/ area where water is **scarcity** (3)/ **available**. (4)/ All correct (5)

179. To **gain** (1)/ their **support**, (2)/ you must **convenience** (3)/ them of the **benefits** (4)/ of the proposal. All correct (5)

180. The deal we **negotiated** (1)/ has not been **approved** (2)/ by RBI and **needs** (3)/ to be **revized**. (4)/ All correct (5)

Directions (181 - 185) : Rearrange the following six sentences. (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

(A) A few minutes later he was hauled back on board the ship, on the captain's orders.

(B) One of the crew began to complain and moan about the situation and no one could silence him.

(C) Marvelling at the change, the passengers asked for an explanation, to which the captain replied, "We never appreciate how well off we are in a situation until we fall into a worse one".

(D) During a voyage a great storm arose.

(E) In exasperation the captain ordered him to be thrown overboard.

(F) To everyone's surprise, the man immediately went back to his post and silently began to work.

181. Which of the following should be the **THIRD** sentence after rearrangement?

- (1) A (2) B
(3) C (4) D
(5) E

182. Which of the following should be the **FIRST** sentence after rearrangement?

- (1) A (2) B
(3) C (4) D
(5) E

183. Which of the following should be the **LAST (SIXTH)** sentence after rearrangement?

- (1) B (2) C
(3) D (4) E
(5) F

184. Which of the following should be the **SECOND** sentence after rearrangement?

- (1) B (2) C
(3) D (4) E
(5) F

185. Which of the following should be the **FIFTH** sentence after rearrangement?

- (1) A (2) B
(3) C (4) D
(5) F

Directions (186 - 190) : Which of the phrases (1), (2), (3) and (4) given below should replace the phrase given in **bold** in the following sentence to make the sentence meaningful and grammatically correct. If the sentence is correct as it is and no correction is required, mark (5) as the answer.

186. **Ensure we have** the necessary clearance is the responsibility of the legal department.

- (1) Ensuring we have
(2) To ensure having
(3) We have been ensured
(4) Ensuring us having
(5) No correction required

187. They have decided to go ahead and implement **which was discussed** at last month's conference in Chennai.

- (1) what we had discussed
(2) whatever discussion
(3) that being discussed
(4) which has been discussed
(5) No correction required

188. To reduce costs, we should replace our current system by **much efficient** one.

- (1) through more efficient
(2) efficiently by
(3) with a more efficient
(4) for better efficiency
(5) No correction required

189. Staff in the district offices can **easily monitor whether** the payments are being made in time.

- (1) easily be monitored
(2) monitor easier whether
(3) easy to monitor that
(4) monitor easily
(5) No correction required

190. Most of the managers **whom involved in** the deal had previously worked for multinational banks.

- (1) whose involved
(2) involvement with
(3) involving whom
(4) involved in
(5) No correction required

Directions (191 - 200) : In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

One rainy day while driving me home from school my father stopped to offer a frail old man a lift. Though he was headed in the opposite (191), my father insisted. By the time we (192) home it was late and I was tired and (193) with my father.

That night, my father (194) me a bedtime story as usual - A (195) Emperor was once asked "Sire, while you (196) rich and powerful, your teacher doesn't even (197) a piece of land yet you visit him, (198) don't you summon him to court?" The Emperor (199) and said, "You are mistaken, my teacher is (200) than I am. My land can be lost in a war but he possesses knowledge which can never be stolen." "The old man was my teacher" my father concluded.

I have never forgotten the lesson my father 'taught' me that day.

191. (1) route (2) manner
(3) direction (4) side
(5) way

192. (1) left (2) arrived
(3) return (4) gone
(5) reach

193. (1) complained (2) annoying
(3) hungry (4) upset
(5) worried

194. (1) taught (2) described
(3) told (4) reads
(5) related

195. (1) greedy (2) honest
(3) foolish (4) mighty
(5) cruel

196. (1) are (2) being
(3) were (4) so
(5) seem

197. (1) own (2) earn
(3) acquire (4) possessed
(5) has

198. (1) however (2) but
(3) instead (4) when
(5) why

199. (1) shouted (2) silent
(3) thinks (4) smiled
(5) prayed

200. (1) powerful (2) wise
(3) wealthy (4) stronger
(5) richer

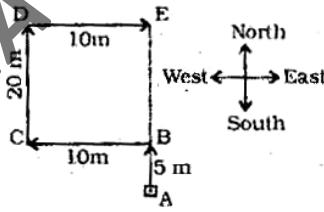
ANSWERS

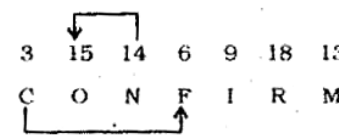
1. (4)	2. (4)	3. (3)	4. (2)
5. (2)	6. (2)	7. (4)	8. (3)
9. (1)	10. (5)	11. (3)	12. (3)
13. (3)	14. (5)	15. (2)	16. (3)
17. (5)	18. (4)	19. (5)	20. (4)
21. (3)	22. (2)	23. (3)	24. (2)
25. (2)	26. (4)	27. (4)	28. (1)
29. (2)	30. (4)	31. (4)	32. (1)
33. (3)	34. (4)	35. (2)	36. (3)
37. (5)	38. (4)	39. (4)	40. (1)
41. (2)	42. (5)	43. (4)	44. (4)
45. (3)	46. (1)	47. (3)	48. (1)
49. (2)	50. (5)	51. (2)	52. (1)
53. (1)	54. (2)	55. (3)	56. (5)
57. (1)	58. (4)	59. (1)	60. (5)
61. (4)	62. (3)	63. (4)	64. (2)
65. (5)	66. (2)	67. (4)	68. (4)
69. (3)	70. (2)	71. (4)	72. (2)
73. (2)	74. (1)	75. (3)	76. (3)
77. (2)	78. (3)	79. (2)	80. (5)
81. (3)	82. (5)	83. (2)	84. (5)
85. (3)	86. (5)	87. (3)	88. (4)
89. (3)	90. (1)	91. (1)	92. (2)

93. (4)	94. (2)	95. (3)	96. (1)
97. (2)	98. (1)	99. (2)	100. (5)
101. (3)	102. (2)	103. (1)	104. (4)
105. (1)	106. (4)	107. (3)	108. (2)
109. (3)	110. (4)	111. (2)	112. (1)
113. (4)	114. (1)	115. (4)	116. (3)
117. (2)	118. (3)	119. (3)	120. (4)
121. (2)	122. (3)	123. (4)	124. (1)
125. (5)	126. (1)	127. (3)	128. (4)
129. (2)	130. (5)	131. (4)	132. (1)
133. (2)	134. (3)	135. (1)	136. (3)
137. (2)	138. (1)	139. (4)	140. (2)
141. (5)	142. (1)	143. (3)	144. (2)
145. (4)	146. (1)	147. (4)	148. (5)
149. (2)	150. (3)	151. (2)	152. (2)
153. (4)	154. (4)	155. (3)	156. (2)
157. (3)	158. (4)	159. (5)	160. (5)
161. (1)	162. (3)	163. (4)	164. (4)
165. (2)	166. (2)	167. (3)	168. (1)
169. (3)	170. (3)	171. (3)	172. (2)
173. (4)	174. (5)	175. (4)	176. (2)
177. (1)	178. (3)	179. (3)	180. (4)
181. (5)	182. (4)	183. (2)	184. (1)
185. (5)	186. (2)	187. (1)	188. (3)
189. (5)	190. (4)	191. (3)	192. (2)
193. (4)	194. (3)	195. (4)	196. (1)
197. (1)	198. (5)	199. (4)	200. (5)

EXPLANATIONS

1. (4) 3 6 7 2 5 9 1 8
 9 8 7 6 5 3 2 1
2. (4)
 6 8 8 1 2 6 8 6 1 2 3
 6 8 8 1 2 **[34]** 6 8 6 1 2 3 **[45]**
 6 8 **[8]**.....
3. (3) P A G E S O R E
 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
 3 % 7 @ 8 © 9 @
 Therefore,
 P E A S
 ↓ ↓ ↓ ↓
 3 @ % 8

4. (2) $\begin{matrix} @ \Rightarrow \times & \textcircled{C} \Rightarrow + \\ \% \Rightarrow + & \$ \Rightarrow - \end{matrix}$
 $6 \% 12 \textcircled{C} 3 @ 8 \$ 3 = ?$
 $\Rightarrow ? = 6 + 12 \div 3 \times 8 - 3$
 $\Rightarrow ? = 6 + 4 \times 8 - 3$
 $\Rightarrow ? = 6 + 32 - 3 = \boxed{35}$
5. (2)
 M O U S E P R U G C
 +3 +3 +3 +3
 +0
 -2 -2
- Similarly,
 S H I F T V K I D R
 +3 +3 +3 +3
 +0
 -2 -2
6. (2) Meaningful Word \Rightarrow HOME
 7. (4) $E > C > D$, or $C > D, C > E$
 $E > B > A$
8. (3)

 Required distance = $A B + B E$
 $= (5 + 20) \text{ m} = 25 \text{ m}$
9. (1) The only daughter of Suraj's brother-in-law means niece of Suraj.
 10. (5) According to Sneha her father's birthday may be on 12th, 13th, 14th or 15th June
 According to brother of Sneha their father's birthday may be on 14th, 15th, 16th or 17th June.
 Even date \Rightarrow 14th June
11. (3) 3 7 1 **[5]** 2 8 6 **[9]**
 1 2 3 **[5]** 6 7 8 **[9]**

12. (3)

13. (3) $\begin{matrix} K \xrightarrow{+6} Q \\ N \xrightarrow{+6} T \end{matrix}$
 Similarly,
 $\begin{matrix} D \xrightarrow{+6} J \\ G \xrightarrow{+6} M \end{matrix}$
14. (5) $518 \Rightarrow 815; 849 \Rightarrow 948;$
 $365 \Rightarrow 563; 783 \Rightarrow 387;$
 $291 \Rightarrow 192$
 Third highest number $\Rightarrow 563$
15. (2) $518 \Rightarrow 518; 849 \Rightarrow 749;$
 $365 \Rightarrow 365; 783 \Rightarrow 783;$
 $291 \Rightarrow 191;$
 Highest Number $\Rightarrow 783$
 Lowest Number $\Rightarrow 191$
 Required sum $\Rightarrow 7 + 1 = 8$
16. (3) $518 \Rightarrow 158; 849 \Rightarrow 489;$
 $365 \Rightarrow 635; 783 \Rightarrow 873;$
 $291 \Rightarrow 921;$
 Second Highest Number
 $\Rightarrow 873 \Rightarrow 783$
17. (5) According to the question, the new sequence would be:
 $Q K \# E \textcircled{3} \text{ENSAC} * G \textcircled{U} M * F I V \% Z Y$
 17th from the right end
18. (4) 6th to the left of the 5th to the left of V means 11th to the left of V. i.e., S.
 19. (5) 8th to the right of the 14th from the left end means 6th from the left end, i.e., @.
20. (4) $\begin{matrix} 1 \xrightarrow{-3} M \xrightarrow{+5} \% \\ C \xrightarrow{-3} N \xrightarrow{+5} G \\ 3 \xrightarrow{-3} \# \xrightarrow{+5} N \\ U \xrightarrow{-2} G \xrightarrow{-2} C \\ G \xrightarrow{-3} A \xrightarrow{+5} U \end{matrix}$
21. (3) **[Alphabet | Symbol | Number]**
 Such combinations are:
[P@3 | V%4]
22. (2) **[Number | Vowel | Consonant]**
 There is only one such combination:
[3EN]

(23 - 28) :

- (i) All coins are glasses → Universal Affirmative (A-type)
- (ii) Some glasses are cups → Particular Affirmative (I-type)
- (iii) No man is tiger → Universal Negative (E-type)
- (iv) Some men are not tigers → Particular Negative (O-type)

23. (3) Some cups are boxes.

All boxes are pins.

$I + A \Rightarrow$ I-type of Conclusion
"Some cups are pins"
This is Conclusion III.

24. (2) Some pens are pencils.

All pencils are caps.

$I + A \Rightarrow$ I-type of Conclusion
"Some pens are caps".

All pencils are caps.

All caps are buses.

$A + A \Rightarrow$ A-type of Conclusion
"All pencils are buses"

Some pens are caps.

All caps are buses.

$I + A \Rightarrow$ I-type of Conclusion
"Some pens are buses".
This is Conclusion II.

25. (2) All shirts are skirts.

All skirts are banks.

$A + A \Rightarrow$ A-type of Conclusion
"All shirts are banks".

All skirts are banks.

All banks are roads.

$A + A \Rightarrow$ A-type of Conclusion
"All skirts are roads".

All banks are roads.

All roads are brushes.

$A + A \Rightarrow$ A-type of Conclusion
"All banks are brushes".

All shirts are banks.

All banks are roads.

$A + A \Rightarrow$ A-type of Conclusion

"All shirts are roads".

All shirts are roads.

All roads are brushes.

$A + A \Rightarrow$ A-type of Conclusion

"All shirts are brushes".

Conclusion III is Converse of it.

26. (4) Some spoons are plants.

All plants are crows.

$I + A \Rightarrow$ I-type of Conclusion

"Some spoons are crows".

Conclusion II is Converse of it.

Conclusion III is Converse of the third Premise.

27. (4) Some hens are ducks.

All ducks are pigeons.

$I + A \Rightarrow$ I-type of Conclusion

"Some hens are pigeons".

All ducks are pigeons.

All pigeons are sparrows.

$A + A \Rightarrow$ A-type of Conclusion

"All ducks are sparrows".

This is Conclusion I.

Some hens are pigeons.

All pigeons are sparrows.

$I + A \Rightarrow$ I-type of Conclusion

"Some hens are sparrows".

Conclusion III is Converse of it.

28. (1) No tiger is cat.

Some cats are lions.

$E + I \Rightarrow$ O-type of Conclusion

"Some lions are not tigers".

(29 - 33) :

$\odot \Rightarrow \geq$	$\star \Rightarrow \leq$	$\oplus \Rightarrow =$
$\$ \Rightarrow >$	$\% \Rightarrow <$	

29. (2) $K \odot L \Rightarrow K \geq L$

$L \% O \Rightarrow L < O$

$O \oplus M \Rightarrow O = M$

$M \star N \Rightarrow M \leq N$

Therefore, $K \geq L < O = M \leq N$

Conclusions :

I. $N \odot O \Rightarrow N \geq O$: True

II. $M \$ L \Rightarrow M > L$: True

III. $K \star N \Rightarrow K \leq N$: Not true

IV. $L \oplus N \Rightarrow L = N$: Not true

30. (4) $A \star B \Rightarrow A \leq B$

$B \$ C \Rightarrow B > C$

$C \% D \Rightarrow C < D$

$D \odot E \Rightarrow D \geq E$

Therefore, $A < B > C < D \geq E$

Conclusions :

I. $D \$ A \Rightarrow D > A$: Not true

II. $B \$ D \Rightarrow B > D$: Not true

III. $E \% C \Rightarrow E < C$: Not true

IV. $A \odot E \Rightarrow A = E$: Not true

31. (4) $F \$ P \Rightarrow F > P$

$P \odot R \Rightarrow P = R$

$R \odot S \Rightarrow R \geq S$

$S \% T \Rightarrow S < T$

Therefore, $F > P = R \geq S < T$

Conclusions :

I. $R \% F \Rightarrow R < F$: True

II. $S \star P \Rightarrow S \leq P$: True

III. $P \odot T \Rightarrow P \geq T$: Not true

IV. $S \% F \Rightarrow S < F$: True

32. (1) $G \% H \Rightarrow G < H$

$H \star I \Rightarrow H \leq I$

$I \$ J \Rightarrow I > J$

$J \odot K \Rightarrow J = K$

Therefore, $G < H \leq I > J = K$

Conclusions :

I. $G \% I \Rightarrow G < I$: True

II. $G \% J \Rightarrow G < J$: Not true

III. $K \$ I \Rightarrow K > I$: Not true

IV. $H \star J \Rightarrow H \leq J$: Not true

33. (3) $V \odot W \Rightarrow V = W$

$W \% X \Rightarrow W < X$

$X \star Y \Rightarrow X \leq Y$

$Y \$ Z \Rightarrow Y > Z$

Therefore, $V = W < X \leq Y > Z$

Conclusions :

I. $Z \$ X \Rightarrow Z > X$: Not true

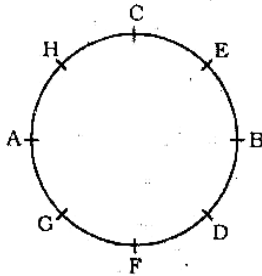
II. $Y \odot V \Rightarrow Y \geq V$: Not true

III. $W \% Y \Rightarrow W < Y$: True

IV. $Y \odot W \Rightarrow Y = W$: Not true

(34 - 40) :

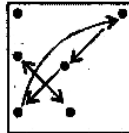
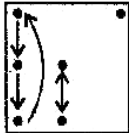
Sitting arrangement



34. (4) Except in A E F, in all others the arrangement is anticlockwise.
 35. (2) B is between D and E.
 36. (3) G and F are sitting between A and D.
 37. (5) A is third to the right of E.
 38. (4) G is to the immediate right of A.
 39. (4) D is to the immediate left of B.
 40. (1) C is to the immediate left of H.
 41. (2) The following changes occur in the subsequent figures :

(1) to (2)

(2) to (3)



These two steps are continued alternately in the subsequent figures.

42. (5) The design 'P' descends stepwise and ascends in one step after being rotated through 90° clockwise. The arrow moves half step in anticlockwise direction and rotates through 90° anticlockwise after every two figures. The third design moves diagonally downward and upward respectively and is replaced with a new design in each subsequent figure.
 43. (4) From Problem Figure (1) to (2) the two pairs of designs situated along the two diagonals interchange positions. From Problem Figure (2) to (3) the left most designs of both the rows move to the right most position. These two steps are continued in the subsequent figures alternately.
 44. (4) From Problem Figure (1) to (2) the right most design of the upper row moves to the left most position while the two pairs of adjacent designs of the middle and

lower rows interchange positions. From Problem Figure (2) to (3) the right most design of the middle row moves to the left most position while the two pairs of adjacent designs of the upper and lower rows interchange positions. From Problem Figure (3) to (4) the rightmost design of the lower row moves to the leftmost position while the two pairs of adjacent designs of the upper and middle rows interchange positions. These three steps are continued in the same order in the subsequent figures.

45. (3) From Problem Figure (1) to (2) the line segments move to the opposite side diagonally and the two middle designs interchange positions. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.
 46. (1) From Problem Figure (1) to (2) the left and the right designs are replaced with new designs. From Problem Figure (2) to (3) the entire design rotates through 90° anticlockwise. These two steps are continued alternately in the subsequent figures.
 47. (3) From Problem Figure (1) to (2) the two columns of designs interchange positions. Similarly, the upper and lower designs of each column interchange positions so as the two middle designs. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.
 48. (1) From Problem Figure (1) to (2) the rightmost designs move to the left side after being rotated through 90° anticlockwise and the left designs move to the right side and all the three designs are replaced with new designs. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.
 49. (2) From Problem Figure (1) to (2) the designs are arranged in reverse order. Similar changes occur from Problem Figure (3) to (4) and from Problem Figure (5) to Answer Figure.
 50. (5) From Problem Figure (1) to (2) the central design is replaced with a new design and all the four designs move one step in clockwise direction. From Problem Figure (2)

to (3) the lower left design moves diagonally to the upper right corner and the designs (A) and (Z) interchange positions. These two steps are continued alternately in the subsequent figures.

51. (2) $26 \times 451 - ? = 6103$
 $\Rightarrow 11726 - ? = 6103$
 $\Rightarrow ? = 11726 - 6103 = 5623$

52. (1) $\frac{4785}{\sqrt{?}} = 963 - 6 = 957$

$\Rightarrow 957 \times \sqrt{?} = 4785$

$\Rightarrow \sqrt{?} = \frac{4785}{957} = 5$

$\Rightarrow ? = 5 \times 5 = 25$

53. (1) $? = 11797 - 3695 = 8102$

54. (2) $(12.25 \times 4.02 - 14.26) \times ? = 699.7$

$\Rightarrow (49.245 - 14.26) \times ? = 699.7$

$\Rightarrow 34.985 \times ? = 699.7$

$\Rightarrow ? = \frac{699.7}{34.985} = 20$

55. (3) $\frac{632}{25} + ?^2 = 61.28$

$\Rightarrow 25.28 + ?^2 = 61.28$

$\Rightarrow ?^2 = 61.28 - 25.28 = 36$

$\Rightarrow ? = \sqrt{36} = 6$

56. (5) $\frac{452 \times ?}{100} = 311.88$

$\Rightarrow ? = \frac{311.88 \times 100}{452} = 69$

57. (1) $\frac{? \times 89}{100} = 1075.22 - 365 = 710.22$

$\Rightarrow ? = \frac{710.22 \times 100}{89} = 798$

58. (4) $8153.14 - ? = 7592.14$

$\Rightarrow ? = 8153.14 - 7592.14$

$= 561$

59. (1) $? = 25 + 22 = 47$

60. (5) $? \times 35 = 2680 - 265 = 2415$

$\Rightarrow ? = \frac{2415}{35} = 69$

61. (4) $\sqrt{?} - 34 = 22$

$\Rightarrow \sqrt{?} = 34 + 22 = 56$

$\Rightarrow ? = 56 \times 56 = 3136$

62. (3) $? = \frac{625}{5} \times 25 = 3125$

63. (4) $? \times \frac{25}{6} = 1962.5$

$$\Rightarrow ? = \frac{1962.5 \times 6}{25} = 471$$

64. (2) $5^{8.9} \times (5)^{2 \times 7.2} \div (5)^{3 \times 4.6} = 5^?$

$$\Rightarrow 5^{8.9 + 14.4 - 13.8} = 5^?$$

$$\Rightarrow 5^{9.5} = 5^? \Rightarrow ? = 9.5$$

65. (5) $? = \frac{448}{56} = 8$

66. (2) $? = 699.14 + 478.23 + 174.69 = 1352.06$

67. (4) $? = 40 \times 12.5 \times 1.3 = 650$

68. (4) $\frac{965 \times 25}{100} - \frac{? \times 69}{100} = 210.2$

$$\Rightarrow 241.25 - \frac{? \times 69}{100} = 210.2$$

$$\Rightarrow \frac{? \times 69}{100} = 241.25 - 210.2 = 31.05$$

$$= 31.05$$

$$\Rightarrow ? = \frac{31.05 \times 100}{69} = 45$$

69. (3) $\frac{2704}{2} \times ? = 31096$

$$\Rightarrow ? = \frac{31096 \times 2}{2704} = 23$$

70. (2) $? = \sqrt{3364} = 58$

71. (4) $? = 142 \times 20 \times 3 = 8520$

72. (2) $? = \frac{806}{31} = 26$

73. (2) $\frac{2530}{? \times 10} = 12.65$

$$\Rightarrow ? = \frac{2530}{12.65 \times 10} = 20$$

74. (1) $? = \frac{7685}{265} \times 13.25 = 384.25$

75. (3) $? = \frac{197.4 \times 100}{35} = 564$

76. (3) Let the number be x .

$$\therefore \frac{x \times 40}{100} = 256$$

$$\Rightarrow x = \frac{256 \times 100}{40} = 640$$

$$\therefore 25\% \text{ of } 640 = \frac{640 \times 25}{100} = 160$$

77. (2) Of the given alternatives,

Required number = 53

Illustration: $5 + 3 = 8$

$$53 - 18 = 35$$

78. (3) $?^2 = 121 \times 81 = 11^2 \times 9^2$

$$\Rightarrow ? = 11 \times 9 = 99$$

79. (2) $M_1 D_1 = M_2 D_2$

$$\Rightarrow 15 \times 60 = M_2 \times 25$$

$$\Rightarrow M_2 = \frac{15 \times 60}{25} = 36$$

80. (5) If the breadth be x cm, then length of rectangle = $(x + 7)$ cm.

2 (length + breadth) = Perimeter

$$\Rightarrow 2(x + 7 + x) = 126$$

$$\Rightarrow 2x + 7 = \frac{126}{2} = 63$$

$$\Rightarrow 2x = 63 - 7 = 56$$

$$\Rightarrow x = \frac{56}{2} = 28 \text{ cm.}$$

81. (3) Total cost price = 2×1200

= Rs. 2400

Total selling price

$$= \text{Rs.} \left(\frac{1200 \times 95}{100} + \frac{1200 \times 110}{100} \right)$$

$$= \text{Rs.} (1140 + 1320)$$

$$= \text{Rs.} 2460$$

$$\therefore \text{Profit \%} = \frac{2460 - 2400}{2400} \times 100 = 2.5$$

82. (5) $49 \times 49 = 2401$

$$50 \times 50 = 2500$$

\therefore Required number

$$= 2486 - 2401 = 85$$

83. (2) The word ATTEMPT consists of 7 letters in which 'T' comes thrice.

$$\therefore \text{Number of arrangements} = \frac{7!}{3!}$$

$$= \frac{7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1}{3 \times 2 \times 1} = 840$$

84. (5) Let the numbers be x and $(x + 18)$.

$$\therefore 3(x + 18) - 4x = 18$$

$$\Rightarrow x = 36$$

$$\therefore \text{Other number} = 54$$

$$\therefore \text{Required sum} = 36 + 54 = 90$$

85. (3) Let the number be x .

$$\therefore \frac{x}{4} = \frac{x}{7} + 24$$

$$\Rightarrow \frac{x}{4} - \frac{x}{7} = 24$$

$$\Rightarrow \frac{7x - 4x}{28} = 24$$

$$\Rightarrow 3x = 24 \times 28$$

$$\Rightarrow x = \frac{24 \times 28}{3} = 224$$

86. (5) Compound interest

$$= P \left[\left(1 + \frac{R}{100} \right)^T - 1 \right]$$

$$= 6000 \left[\left(1 + \frac{7}{100} \right)^2 - 1 \right]$$

$$= 6000 (1.1449 - 1)$$

$$= \text{Rs. } 869.4$$

87. (3) $x + x + 1 + x + 2 = 294$

$$\Rightarrow 3x = 294 - 3 = 291$$

$$\Rightarrow x = \frac{291}{3} = 97$$

\therefore Required sum

$$= x + x + 2 = 2x + 2$$

$$= 2 \times 97 + 2 = 196$$

88. (4) Let the number of students be x .

$$\therefore \frac{300}{x} - \frac{300}{x + 10} = 1$$

$$\Rightarrow 300 \left(\frac{x + 10 - x}{x(x + 10)} \right) = 1$$

$$\Rightarrow 3000 = x^2 + 10x$$

$$\Rightarrow x^2 + 10x - 3000 = 0$$

$$\Rightarrow x^2 + 60x - 50x - 3000 = 0$$

$$\Rightarrow x(x + 60) - 50(x + 60) = 0$$

$$\Rightarrow (x - 50)(x + 60) = 0$$

$\Rightarrow x = 50$ because number of students can't be negative.

Short-cut Method

Of the given alternatives

$$\frac{300}{50} = 6 \text{ and } \frac{300}{60} = 5$$

$$\text{Moreover, } 6 - 5 = 1$$

It is proper to solve such questions with the help of alternatives.

89. (3) In 30 litre mixture,

Quantity of milk

$$= \frac{7}{10} \times 30 = 21 \text{ litre}$$

Quantity of water

$$= \frac{3}{10} \times 30 = 9 \text{ litre}$$

Let x litres of water be mixed.

$$\therefore \frac{21}{9+x} = \frac{1}{2}$$

$$\Rightarrow x + 9 = 42$$

$$\Rightarrow x = 42 - 9 = 33 \text{ litre}$$

90. (1) The pattern of the number series is :

$$15 + 1 \times 7 = 22$$

$$22 + 2 \times 7 = 36$$

$$36 + 3 \times 7 = 57$$

$$57 + 4 \times 7 = 85$$

$$85 + 5 \times 7 = 85 + 35 = \boxed{120}$$

91. (1) $M_1 D_1 T_1 = M_2 D_2 T_2$

$$\Rightarrow 3 \times 2 \times 8 = 4 \times 1 \times T_2$$

$$\Rightarrow T_2 = \frac{3 \times 2 \times 8}{4} = 127 \text{ hours}$$

92. (2) $\pi r^2 = 154$

$$\Rightarrow r^2 = \frac{154 \times 7}{22} = 49$$

$$\Rightarrow r = \sqrt{49} = 7 \text{ cm}$$

\therefore Circumference of circle = $2\pi r$

$$= 2 \times \frac{22}{7} \times 7 = 44 \text{ cm.}$$

93. (4) Total expense percentage

$$= (25 + 5 + 15 + 10)\% = 55\%$$

$$\text{Savings \%} = 100 - 55 = 45\%$$

$$\therefore 45\% = 22500$$

$$\therefore 100\% = \frac{22500}{45} \times 100 = \text{Rs. } 50000$$

94. (2) Let Anil's salary be Rs. x .

$$\therefore \text{Bhuvan's salary} = \text{Rs. } = \frac{2x}{5}$$

Chandra's salary

$$= \text{Rs. } = \frac{2x}{5} \times \frac{7}{9} = \frac{14x}{45}$$

$$\therefore \text{Anil : Bhuvan : Chandra}$$

$$= x : \frac{2x}{5} : \frac{14x}{45} = 45 : 18 : 14$$

\therefore Bhuvan's salary

$$= \text{Rs. } = \left[\frac{18}{(45+18+14)} \times 77000 \right]$$

$$= \text{Rs. } 18000$$

95. (3) Part of the tank filled in an hour

$$= \frac{1}{12} - \frac{1}{20} = \frac{5-3}{60} = \frac{1}{30}$$

Hence, the tank will be filled in 30 hours.

96. (1) Let the lady have x coins of 50 paise.

$$\therefore \text{Number of 25 paise coins} = 55 - x$$

$$\frac{x}{2} + \frac{55-x}{4} = 21.25$$

$$\Rightarrow \frac{2x+55-x}{4} = 21.25$$

$$\Rightarrow x + 55 = 21.25 \times 4 = 85$$

$$\Rightarrow x = 85 - 55 = 30$$

97. (2) Total possible outcomes

= $n(S)$ = Number of ways of drawing one card out of 52 cards

$$= 52C_1 = 52$$

Favourable number of cases

$$= n(E) = 16C_1 = 16$$

\therefore Required probability

$$= \frac{n(E)}{n(S)} = \frac{16}{52} = \frac{4}{13}$$

98. (1) Decimal equivalent of each fraction :

$$\frac{3}{5} = 0.6; \quad \frac{5}{8} = 0.625$$

$$\frac{16}{25} = 0.64; \quad \frac{4}{5} = 0.8$$

$$\frac{9}{16} = 0.5625$$

$$\text{Clearly, } \frac{9}{16} < \frac{3}{5} < \frac{5}{8} < \frac{16}{25} < \frac{4}{5}$$

99. (2) Distance = Speed \times Time

$$\therefore \text{Required ratio} = 61 : 30$$

$$\text{Because } 61 \times 30 = 1830$$

100. (5) Let the present ages of Gaurav and Saurabh be $6x$ and $7x$ years respectively.

After 6 years,

$$\frac{6x+6}{7x+6} = \frac{15}{17}$$

$$\Rightarrow 105x + 90 = 102x + 102$$

$$\Rightarrow 3x = 12$$

$$\Rightarrow x = \frac{12}{3} = 4$$

$$\therefore \text{Gaurav's present age} = 6 \times 4 = 24 \text{ years}$$

136. (3) Alphabetical order of the words :

(5) Shelter

↓

(4) Shield

↓

(3) Shift

↓

(2) Shimmer

↓

(1) Shine

137. (2) Alphabetical order of the words :

(4) Harmony

↓

(5) Harp

↓

(2) Harrow

↓

(1) Harsh

↓

(3) Harvest

138. (1) Alphabetical order of the words :

(3) Properly

↓

(5) Property

↓

(1) Prophet

↓

(2) Proportion

↓

(4) Propose

139. (4) Alphabetical order of the words :

(3) Promote

↓

(1) Prompt

↓

(4) Prone

↓

(5) Pronoun

↓

(2) Proof

140. (2) Alphabetical order of the words :

(3) Remit

↓

(4) Remodel

↓

(2) Remove

↓

(1) Remote

↓

(5) Remover

141. (5) 27 students from School J like Football.
142. (1) 25 students from School B are fond of Painting.
143. (3) 24 students from School G are fond of Dancing.
144. (2) 23 students from School H are fond of Cricket.
145. (4) 19 students from School F are fond of Tennis.
146. (1) 8 6 5 2 9 7
↓ ↓ ↓ ↓ ↓ ↓
A C H S P F
147. (4) 9 3 0 1 4
↓ ↓ ↓ ↓ ↓ ↓
P Z M D K
148. (5) 2 7 9 6 0
↓ ↓ ↓ ↓ ↓ ↓
S F P C M
149. (2) 7 5 6 8 2 1
↓ ↓ ↓ ↓ ↓ ↓
F H C A S D
150. (3) 4 1 0 5 3 8
↓ ↓ ↓ ↓ ↓ ↓
K D M H Z A
151. (2) Only (C)
152. (2) It was a convenient spot to camp for the night.
153. (4) In his hurry to run away he forgot to take the valuables along.
154. (4) He was greedy and had cheated Mihir.
155. (3) They had no need to shift to the city.
156. (2) He was telling his wife to trust God to look after them.
157. (3) Mahadev had no intention of moving to the city.
158. (4) Not mentioned in the passage
159. (5) Mahadev's family was not united and obedient.
160. (5) There was great excitement.
161. (1) The meaning of the word **Make (Verb)** as used in the passage is : to earn or gain money.
Look at the sentences :
She makes Rs. 1 lakh a year.
She makes a living as a stand-up comic.
Hence, the words **make** and **earn** are synonymous.
162. (3) The meaning of the word **Loose (Verb)** as used in the passage is : to have something taken away by somebody/ something.
Look at the sentences :
The company has lost a lot of business to its competitors.
Of the given alternatives, the word **Forfeit (Verb)** means : to

- lose something or have something taken away from you because you have done something wrong.
Hence, the words **lost** and **forfeited** are synonymous.
163. (4) The meaning of the word **Get-away (Verb)** as used in the passage is : to succeed in leaving a place ; to escape from somebody or a place.
Hence, the words **getaway** and **escape** are synonymous.
164. (4) The meaning of the word **Re-hearse (Verb)** as used in the passage is : to practise; to repeat ideas or opinions that have often been expressed before.
The word **unplanned** means : not planned in advance.
Hence, the words **rehearsed** and **unplanned** are antonymous.
165. (2) The meaning of the word **Willing (Adjective)** as used in the passage is : ready or pleased to help and not needing to be persuaded.
Look at the sentence :
I am perfectly willing to discuss the problem.
The word **Reluctant (Adjective)** means : hesitating before doing something because you do not want to do it.
Hence, the words **willing** and **reluctant** are antonymous.
166. (2) When some work is completed in recent past, Present Perfect should be used. The structure of the sentence is :
Subject + has/have + Past Participle (V₃)
Hence, 'that the stock market has recovered' or that the stock market is recovering' will be a correct usage.
167. (3) Idiom 'no/any longer' is : used to say that something which was possible or true before, is not now.
Hence, 'she will no longer' will be a correct usage.
168. (1) The group of words 'To the present guidelines' should be replaced by 'Under the present/latest/new guidelines or According to the present/latest/new guidelines.
169. (3) Here, Present Indefinite (Passive) should be used. We notice a definite programme. Hence, 'that the scheme is launched in March' will be a correct usage.

170. (3) The structure of sentence in Present Perfect Tense is :
Subject + has/have + V₃
Hence, 'banks have become very cautious' will be a correct usage.
171. (3) Here, Objective case should be used. Hence, 'doctors and motivating them' should be used.
172. (2) Word 'well' is used as an Adverb. Hence, 'not performed very well this year' will be a correct usage.
173. (4) The group of words 'pollution caused by these/the factories' will be a correct usage.
174. (5) No error
175. (4) Here, 'to accustom myself to the food/to get accustomed to the food' will be a correct usage.
176. (2) The correct spelling is : original.
177. (1) The correct spelling is : proceed.
178. (3) The appropriate word should be : scarcely.
179. (3) The appropriate word should be : convince.
180. (4) The correct spelling is : revised.
181. (5) E 182. (4) D
183. (2) C 184. (1) B
185. (5) F
186. (2) Here, infinitive should be used as a subject. Hence, 'To ensure having' will be a correct usage.
187. (1) Here, 'what we had discussed' should be used.
188. (3) Here, comparative degree should be used. Hence, 'with a more efficient' will be a correct usage.
189. (5) No correction required
190. (4) Here, it is improper to use whom. Hence 'involved in' should be used.
191. (3) direction 192. (2) arrived
193. (4) upset 194. (3) told
195. (4) mighty 196. (1) are
197. (1) own 198. (5) why
199. (4) smiled 200. (5) richer

